

PUNGOR, Erno; KONKOLY Thege, Ilona

Flame photometric determination of strontium in small quantity
in presence of calcium and barium. Magyar kem folyoir 65 no. 12:
466-468 '59.

1. Eotvos Lorand Tudományegyetem Szervetlen-es Analitikai-
Kémiai Intézete, Budapest.

KONKOLY THEGE, S.

KONKOLY THEGE, S. The role of knowledge in the progress of agriculture. p. 1.

Vol. 11, no. 18, Sept. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

KONKONOV, M.T.

Ethylene, an endogenous substance in tumor carriers. Vop.med.khim.
6 no.2:158-165 Mr-Apr '60. (MIRA 14:5)

1. Biochemical Laboratory of the State "P.A.Gertzen" Research
Institute for Oncology, Moscow.
(ETHYLENE) (TUMORS)

KON'KOV, A.; SEMENOV, V.

~~Letters from readers.~~ Mias. ind. SSSR 29 no.5:34 '58.

1. Stalingradskiy myasokombinat (for Semenov).
(Meat industry)

112-57-8-18008

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 8,
p 313 (USSR)

AUTHOR: Gerasimov, N. N., and Kon'kov, A. A.

TITLE: A Method for Measuring Electromagnetic Couplings in Overhead Lines
(Method izmereniy elektromagnitnykh svyazey na vozdushnykh liniyakh)

PERIODICAL: Sb. nauch. tr. Tsentr. n.-i, in-ta svyazi (Collection of
Scientific Transactions of the Central Scientific-Research Institute
of Communications), Moscow, Svyaz'izdat, 1956, pp 121-135

ABSTRACT: A theory is presented of a new method for determining magnetic and
capacitive couplings between circuits in overhead lines; the circuits are
measured with instruments used for crosstalk-attenuation measurements.
Simplified circuit diagrams for these measurements, made on 150-to 200-m
long lines that were considered as lossless lines are presented.

N. Ye. L.

Card 1/1

KON'KOV, A.A., inzhener, maldshiy nauchnyy sotrudnik.

APPROVED FOR RELEASE: 06/19/2000 - CIA-RDP86-00513R000824310008-5

no.6:11-12 Je '57.

(MIRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo
stroitel'stva.

(Electric lines)

SOV/15-58-7-12013

Translation from: Referativnyy zhurnal, Geologiya, 1958, Nr 7,
p 82 (USSR)

AUTHORS: Bune, V. I., Kon'kov, A. A.

TITLE: The Use of Mechanical Seismographs SMR-II for
Determining the Sizes of Seismically Dangerous Zones
During Massive Explosions

PERIODICAL: Tr. AN TadzhSSR, 1957, Vol 71, pp 47-58 (Summary in
English)

ABSTRACT: This work represents an analysis of earth movements
caused by exploding 1800 tons of ammonite. The study
was conducted with the help of mechanical seismographs
SMR-II. The seismic records show relatively long
periods (0.14 to 0.45 sec) at a distance of 600 to
1200 m from the point of explosion. Data produced by
these experiments indicate that the radius of danger
zone is twice as large as that calculated with

Card 1/2

The Use of Mechanical Seismographs SMR-II (Cont.) SOV/15-58-7-12013

empirical formulas based solely on the weight of the VV charge and on the types of soils. The experimental explosion was produced in solid rock. The article contains a bibliography of 11 titles.

Card 2/2

Ye. P. Vishnyakov



S/169/60/000/010/002/013
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 10, p. 38, # 11940

AUTHOR: Kon'kov, A.A.

TITLE: The Nurekskiy Earthquake of September 22, 1956

PERIODICAL: Tr. AN Tadzhik SSR, 1958, Vol. 94, pp. 29-36

TEXT: The consequences are described of the Nurekskiy earthquake of force eight, which occurred 45 km south-eastward of Stalinabad in the Nurek-Fayzabad rayon. The author, inspecting this earthquake, paid the main attention to the nature of destruction of the buildings as well as the dependence of the seismic vibration intensity on the ground variety. Exemplifying the two populated points Kafdon and Khuvan-Maydan, he shows that the damage and destruction of the buildings depends considerably on the microgeological conditions. The earthquake force in Khuvan-Maydan was greater on loess than on limestones. As a result of the inspection, a map of the isoseismal lines and a map of the localization of the epi-

Card 1/2

APANASENKO, A.D., starshiy nauchnyy sotrudnik; GUMELYA, A.N.; VOLNOVA, N.P., mladshiy nauchnyy sotrudnik; GERASIMOV, N.N., mladshiy nauchnyy sotrudnik; GERASIMOVA, R.V., mladshiy nauchnyy sotrudnik; KON'KOV, A.A., mladshiy nauchnyy sotrudnik [deceased]; MARTYNOV, G.K., starshiy tekhnik; FILIPPOVA, T.V., starshiy tekhnik; SUCHKOVA, Z.Ye., starshiy tekhnik. Prinsipal uchastiye AKUL'SHIN, P.K., doktor tekhn.nauk, doktor tekhn.nauk. SVERDLOVA, I.S., red.; SHEFER, G.I., tekhn.red.

[Rules for the intersection of telephone lines in overhead telephone communication networks] Instruktsiia po skreshchivaniu telefonnykh tsepei vozdushnykh liniy svyazi. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1959. 270 p.

(MIRA 13:2)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye mezhdugorodnoy telefonno-telegrafnoy svyazi. 2. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR (for Apanasenko, Volnova, Gerasimov, Gerasimova, Kon'kov, Martynov, Filippova, Suchkova). 3. Nachal'nik laboratorii vozdushnykh liniy svyazi Tsentral'nogo nauchno-issledovatel'skogo instituta svyazi Ministerstva svyazi SSSR (for Gumelya).

(Telephone)

(Electric lines--Overhead)

PHASE I BOOK EXPLOITATION SOV/5698 9

Akademiya nauk SSSR. Energeticheskij institut.

Fizicheskaya gazodinamika i teploobmen (Physical Gas Dynamics and Heat Exchange) Moscow, 1961. 112 p. Errata slip inserted. 4,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Energeticheskij institut im. G. M. Krzhizhanovskogo.

Resp. Ed.: A. S. Predvoditelev, Corresponding Member, Academy of Sciences USSR; Ed. of Publishing House: S. L. Orpik; Tech. Ed.: S. P. Golub'.

PURPOSE: This book is intended for engineers and scientific workers interested in supersonic flow of gases, aerodynamic heat phenomena, and the dissociation of gases.

COVERAGE: This collection consists of 15 papers written at the Laboratoriya fiziki goreniya Energeticheskogo instituta Akademii

Card 1/5

Physical Gas Dynamics and (Cont.)

SOV/5698

9

nauk SSSR (Laboratory of Combustion Physics of the Power Institute of the Academy of Science USSR) on investigations on the physics of gas dynamics and phenomena of heat exchange in supersonic flows. In the field of physical gas dynamics motions of the medium with possible transformations of the substance, not excluding such processes as the thermal ionization of molecules and atoms, are discussed. No personalities are mentioned. References follow most of the articles.

TABLE OF CONTENTS:

Foreword [Professor A. S. Predvoditelev, Corresponding Member of the Academy of Science USSR]

3

Predvoditelev, A. S. On the Conditions of Regular Motion in Strong Shock-Explosions and Detonations

5

Bazhenova, T. V., and O. A. Predvoditeleva. Air Parameter Values Behind a Normal Shock Wave and Behind a Reflected Shock

Card 2/5

Physical Gas Dynamics and (Cont.) 9
SOV/5698

Wave in Equilibrium and Frozen Flow Dissociation 15

Ionov, V. P. Determining Parameters of a Gas Flowing Over
a Conical Surface at High Velocity and Allowing for Gas
Dissociation (Approximate Methods) 25

Bazhenova, T. V. Variations of the Gas Flow Velocity Behind
a Shock in a Shock Tube 31

Bazhenova, T. V., and Yu. S. Lobasov. Effect of Ionizing
Admixtures on the Absorption of Radio waves by the Gas Behind
a Shock in a Shock Tube 36

Naboko, I. M. On the Development of Burning on an Obstacle in
Deceleration of a Supersonic Gas Flow 42

Ionov, V. P., and A. A. Kon'kov. Irradiation Spectra of Diatomic
Gases in Adiabatic Compression 46

Card 3/5

Physical Gas Dynamics and (Cont.)

30V/5698

9

Yeroshenko, V. M., M. G. Morozov, V. P. Motulevich, Yu. N. Petrov, and V. S. Pushkin. Gas Dynamics Installation With an IT-14 Interferometer	51
Morozov, M. G., V. M. Yeroshenko, and Yu. N. Petrov. Flow in Stagnation Areas on the Surface of Bodies in a Supersonic Flow of Air	60
Yeroshenko, V. M. Heat Exchange on a Porous Plate in a Supersonic Flow With a Supply of Gases of Various Physical Properties [Passing] Through the Porous Body	66
Yeroshenko, V. M. Heat Exchange on a Porous Surface of the Frontal Part of a Cylinder in a Longitudinal Supersonic Flow	76
Petrov, Yu. N. Heat Insulated Plate in a Longitudinal Supersonic Flow With the Presence of a Boundary Layer of Gas	81
Petrov, Yu. N. Cooling of the Frontal Surface of a Cylinder	
Card 4/5	

Physical Gas Dynamics and (Cont.)

SOV/5698

9

With Local Supply of Refrigerant in a Longitudinal Supersonic Flow

89

Motulevich, V. P., V. M. Yeroshenko, and Yu. N. Petrov. Effect of Electrostatic Fields on Convective Heat Transfer

94

Motulevich, V. P., and G. P. Malyshev. Effect of Dissociation on Heat Exchange and Friction in a Plate in a Flow of Air

104

AVAILABLE: Library of Congress

Card 5/3

AC/rn/jw
11-6-61

S/081/61/000/024/003/086
B138/B102

AUTHORS: Ionov, V. P., Kon'kov, A. A.

TITLE: Radiation spectra of diatomic gases under adiabatic compression

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 15, abstract 24B83 (Sb. "Fiz. gazodinamika i teploobmen". M., AN SSSR, 1961, 46 - 50)

TEXT: Emission spectra have been obtained, on an adiabatic compression apparatus, for air, O₂, N₂, H₂, Ar, and He. The spectra of air and the diatomic gases are continuous. The radiation of air in the 5500 - 6700 Å range temperatures between 2000 and 3500°K and pressures between 100 and 500 atm can be regarded as gray-body radiation. In these conditions the spectra from single-atomic gases are line spectra with a slight continuous background. [Abstracter's note: Complete translation.]

Card 1/1

KON'KOV, A. A.; IONOV, V. P.

Spectral characteristics of some gases at high temperatures
and pressures. Teplo- i massper. 1:196-204, '62.
(MIRA 16:1)

1. Energeticheskiy institut im. G. M. Krzhizhanovskogo.

(Gases at high temperatures--Spectra)
(High-pressure research)

S/885/62/000/000/033/035
D234/D308

AUTHORS:

Kon'kov, A. A. and Ionov, V. P.

TITLE:

Investigation of radiation and electrical conductivity of adiabatically compressed air with admixtures of coal particles and CO

SOURCE:

Akademiya nauk SSSR. Energeticheskiy institut. Fizicheskaya gazodinamika, teploobmen i termodinamika gazov vysokikh temperatur. Moscow, Izd-vo AN SSSR, 1962, 290-299

TEXT: The experimental installation and methods of measurement are described in detail. The author investigated the spectral composition of the radiation, the degree of blackness and electrical conductivity up to 3500°K and at 100 - 1000 atm. Maximum size of coal particles was 100 microns. The emission spectrum of air containing non-activated coal particles is continuous and similar to that of CO burning on oxygen atmosphere, for 5500 - 6700 Å wavelengths, with $T = 2000 - 3500^{\circ}\text{K}$, $p = 100 - 500$ ata it can be regarded as a grey body radiation. The admixture of coal powder to air (0.5% by

Card 1/2

AMBARTSUMYAN, Ye.N.; IONOV, P.V.; KON'KOV, A.A. (Moscow)

"Investigation of the optical properties of gases behind strong shock waves"
report presented at the 2nd All-Union Congress on Theoretical and Applied
Mechanics, Moscow, 29 January - 5 February 1964

L 20817-65 EWG(j)/EWT(m)/EPF(c)/EPR/EWP(t)/EWP(b) Pr-1/Ps-4/Pb-1 IJP(c)/
SSD(c)/ASB(a)-5/AFWL/AEDC(b)/BSD/SSD/AS(mp)-2/AFETR/AFTC(d)/APGC(g)/RAEM(j)/ESD(gs)/
J/MLK
ACCESSION NR: AT4048020

S 000004 000 0171-0176

R. Kon'kov, A. A.

Investigation of the spectral characteristics of carbon monoxide and oxygen at high temperatures and pressures

SOURCE: AN SSSR. Energeticheskiy institut. Fizicheskaya gazovaya dinamika i sverkhzvukovyye pri vysookikh temperaturakh (Physical gas flow, supersonic and hypersonic gases at high temperatures). Moscow: Izd-vo Nauka, 1964, 111-116.

TOPIC TAGS: spectroscopy, radiation spectrum, emission spectrum, carbon monoxide, carbon monoxide spectrum, oxygen ion, excited carbon dioxide

ABSTRACT: The author carried out an investigation of the radiation spectrum of a mixture of CO and O₂ under adiabatic expansion. The temperature of the mixture was 3000-6000 K. The spectrum was obtained by means of a scanning integrator and a spectrograph. The spectrum was recorded on a film. The spectrum shows a continuous background and a series of lines. The sodium doublet was resolved. The

L 36939-66 EWT(1)/EWP(m)/EWT(m) WW/JW/GD

ACC NR: AT6022646

SOURCE CODE: UR/0000/66/000/000/0062/0071..

AUTHOR: Ambartsumyan, Ye. N.; Ionov, P. V.; Kon'kov, A. A.

ORG: none

TITLE: Spectroscopic investigation of gases heated by shock waves /

SOURCE: AN SSSR. Energeticheskiy institut. Issledovaniya po fizicheskoy gazodinamike
(Studies of physical gas dynamics). Moscow, Izd-vo Nauka, 1966, 62-71

TOPIC TAGS: spectrographic analysis, gas spectroscopy, spectral absorptivity,
radiation spectrum, thermal radiation, radiation spectrometer, *SHOCK WAVE HEATING*

ABSTRACT: This article reports an experimental study of the spectral characteristics of highly luminous gases heated by strong shock waves with velocities from 2 to 10 km/sec produced in a shock tube. A schematic representation of the experimental setup is presented. A detailed account is given of the techniques used for production of shock waves and for measurements. Nitrogen, argon, air, and a mixture of nitrogen and CO₂ were investigated in temperature ranges from 5000 to 10,000K, with pressure from 5 to 50 atm, and wavelength from 6000 to 3000 Å. A special arrangement for obtaining time-resolved spectra is described which has certain advantages over a drum camera. The analysis of spectra obtained for all gases shows the presence of 1) continuum radiation, 2) impurity lines of Fe, Cr, Cu, Ca, and others, and 3) CN lines of the violet system and probably lines of the N₂(1+), N₂(2+), NO(β) systems in the spectra of air, nitrogen, and CO₂-N₂ mixture. In the time-resolved spectra,
Card 1/2

L 36939-66

ACC NR: AT6022646

a secondary emission was observed. The distribution of spectral absorptivity referred to the unit of length of the absorption layer with respect to the wavelength which was obtained for nitrogen and a CO₂-N₂ mixture from quantitative analysis of spectra using heterochromatic scanning. Orig. art. has: 19 figures and 5 formulas. [AB]

SUB CODE: 20/ SUBM DATE: 31Feb66/ ORIG REF: 003/ OTH REF: 002/ ATD PRESS:

5135

Card 2/2 *ll*

L 43151-66 EWT(m)/EWP(j)/EWP(t)/ETI IJP(c) RM/GD/JD

ACC NR: AT6022647

SOURCE CODE: UR/0000/66/000/000/0072/0080

AUTHOR: Ambartsumyan, Ye. A.; Ionov, P. V.; Kon'kov, A. A.

ORG: none

TITLE: Experimental determination of the oscillator strength of the violet system of the CN radical

SOURCE: AN SSSR, Energeticheskiy institut. Issledovaniya po fizicheskoy gazodina-
mike (Studies of physical gas dynamics). Moscow, Izd-vo Nauka, 1966, 72-80

TOPIC TAGS: oscillator strength, emissivity, spectral absorptivity, cyanogen

ABSTRACT: The emissivity and absorptivity of the (0-0) band of the violet system of CN were measured in the range of 5000-10,000°K, and the results made it possible to determine the matrix element of the transition dipole moment of this system. The experiments involved the use of a shock tube which produced shock wave velocities up to 10 km/sec. It was found from the absorptivity data that $R_e = (0.35 \pm 0.08)$ at. u., and $f_e = (0.027 \pm 0.06)$. The time required by the system to reach equilibrium was found to be 20-10 μ sec for $T = 5000-6000^\circ K$ and $p = 12-25$ atm; at higher temperatures and pressures, this time approximately coincides with the time resolution of the system ($\sim 2-3$ μ sec). Orig. art. has: 6 figures and 14 formulas.

SUB CODE: 07,20/SUBM DATE: 31Feb66/ ORIG REF: 003/ OTH REF: 005

Card 1/1 MLP

ACC NR: AT6011830

(A)

SOURCE CODE: UR/3176/65/000/001/0120/0131

AUTHOR: Konnov, L. S.

65
B+1

ORG: none

TITLE: Digital converters for standard measuring instruments

SOURCE: Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut kompleksnoy avtomatizatsii v neftyanoy i gazovoy promyshlennosti. Trudy, no. 1, 1965. Avtomatizatsiya tekhnologicheskikh protsessov (Automation of technological processes), 120-131.

TOPIC TAGS: telemetry, signal transducer, analog digital converter, *MANOMETER, FLOW METER*

ABSTRACT: The VNIKANeftegaz Institute has developed analog-to-digital converters with linear and square-law scales in which spatial coding and photoelectric information pickoff are used. Primarily, the new converters are intended for use in conjunction with pressure gages (simple and differential manometers) and flowmeters; a binary-decimal code is employed; angle of pointer deflection, 270°. The converter comprises two plastic-material disks, one carrying photodiodes and the other, incandescent lamps; both disks are precision aligned with a spacing of 1 mm between them, where a thin copper-foil (200 microns) code disk is placed. Possible errors in

Card 1/2

ACC NR: AT6011830

the converter (quantization, threshold-parameter spread, supply-voltage instability, photodiode-current spread, lighting direction, lamp-filament offset, photodiode-position inaccuracy, coding-disk error, shaft beat, disk eccentricity) are evaluated. It is claimed that: (a) the above converter is applicable to most process-parameter measurements whose dispersion is $0.25 \cdot 10^{-4}$ or higher and (b) the measurement error was 1% or less when the converter was tested in a laboratory. Orig. art. has: 11 figures, 27 formulas, and 2 tables.

SUB CODE: 094 / SUBM DATE: none / ORIG REF: 006

Card 2/2

KOZHEVNIKOV, N.M., podpolkovnik med. sluzhby; KON'KOV, A.D., kapitan med.
sluzhby

Advantages of using metal clamps on surgical incisions. Voen. med.
zhur. no.3:84 Nr '58. (MIRA 12:7)
(SURGERY, OPERATIVE)

KON'KOV, A.D.; VPRINTSEV, M.I. (Astrakhan')

Eosinophilic granuloma of a rib. Khirurgija no.10:147 '64.

(MIRA 18:8)

KON'KOV, A. F., Docent

"Operation of Loading and Unloading Mechanisms in Transportation" Vest. ak. Nauk.
SSSR, No. 9, 1944.

U-1660, 24 Jan. 1952

KONONKOV, A. F.

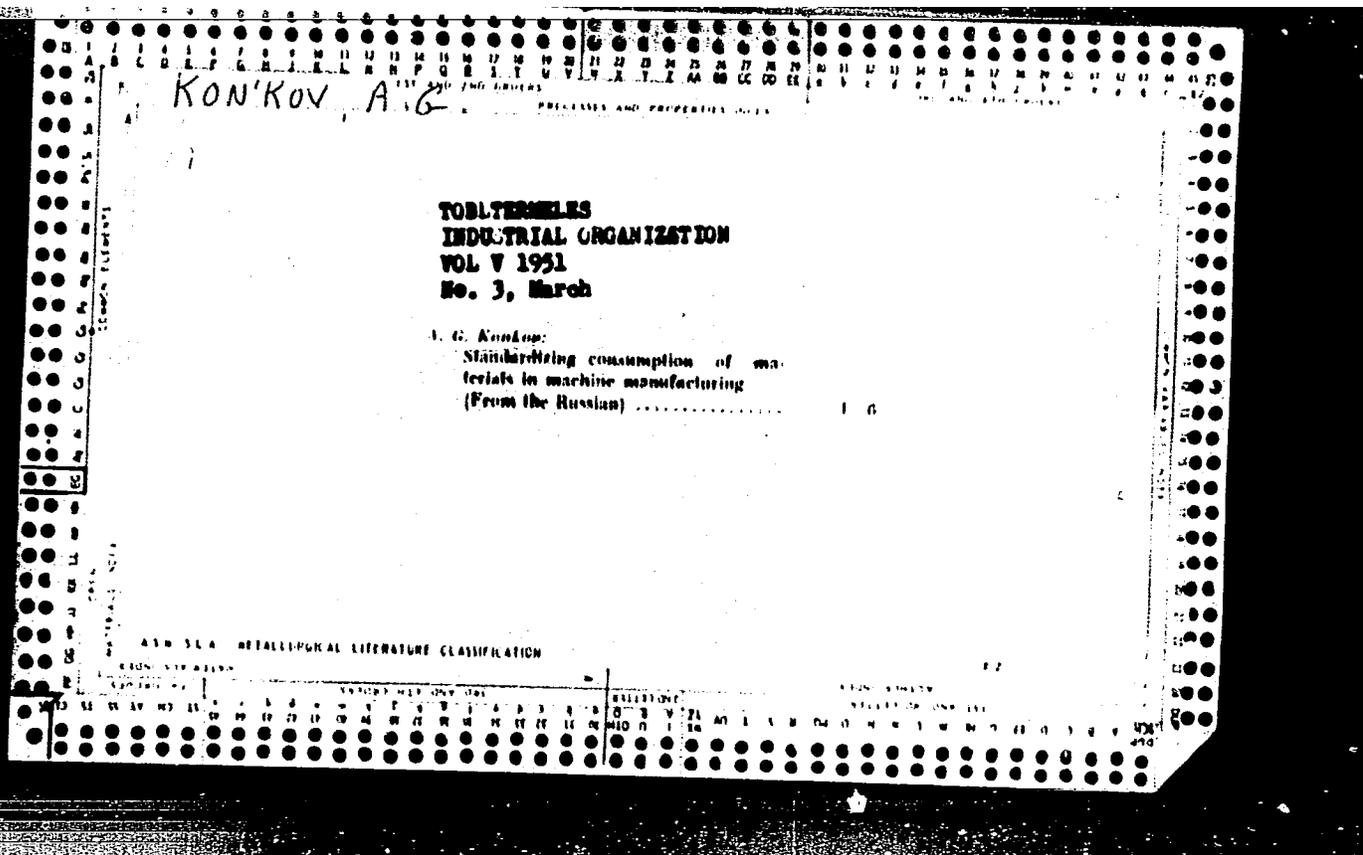
Sergei Ivanovich Usagin; on his 60th birthday. Vest. Mosk un.
Ser. 3; Fiz., astron 15 no.1:86-88 '60. (MIRA 13:10)
(Usagin, Sergei Ivanovich, 1899-)

CA KON'KOV, A.G.

7

Chair of Chemistry Steel analysis without turnings. A. G. Kon'kov
(Salingrad Pedagog. Inst., U.S.S.R.). *Zhur. Khim.*
Khim. 6, 156-63 (1969).—The qual. tests described have

all been known for some years. Instead of dissolving samples of borings, the surface of the sample is cleaned with emery and a small hole drilled. A suitable solvent is dropped into the hole and the resulting soln. is subjected to suitable spot tests. Ni is detected by the Mo blue formation by treatment of the acid soln. with molybdate and SnCl₂. Mn and Cr are detected by the persulfate treatment whereby MnO₄⁻ and Cr₂O₇⁻ are formed. Ni is detected by the dimethylglyoxime test. V by its catalytic effect on the oxidation of aniline to aniline black, and Mo by the red color produced by treatment with CNS⁻ and SnCl₂.
M. Houch



KON'KOV, Aleksey Ivanovich; ZEL'DIN, Yuliy Rafailovich; KURGIN, Yuriy Mikhaylovich; KOZLOVSKIY, Sergey Dmitriyevich; KON'KOVA, Mayya Borisovna; MUDANOV, Konstantin Dmitriyevich; BELEN'KIY, L.I., retsenzent; ABRAMOV, S.A., retsenzent; ZELENSKAYA, G.G., retsenzent; SIBIRTSEV, S.L., retsenzent; VERBITSKAYA, Ye.M., red.

[Equipment for the finishing operations in the textile industry] Oborudovanie otdechnogo proizvodstva tekstil'noi promyshlennosti. Moskva, Legkaia industriia, 1964. 417 p. (MIRA 18:1)

TKACHENKO, F.D.; KON'KO, V.A.

Remarks on the design of the hydraulic jack. Put' i put. khoz.
no.5:30-32 My '58. (MIRA 13:3)

1. Nachal'nik Odesskogo mekhanicheskogo zavoda (for Tkachenko).
2. Nachal'nik sluzhby puti Odesskoy dorogi (for Kon'ko).
(Hydraulic jacks) (Railroads--Equipment and supplies)

KONKO, Venyamin Markovich.

Organization and technique of Soviet cooperative marketing. Moskva, Izd-vo, Tsentrosoiuza, 1950. 308 p. (54-18604)

HF5349.R9K65

KON'KOV, A.

Worker takes a pledge. Sov. profsoiuzy 18 no.6:26-28 Mr
'62. (MIRA 15:3)

1. Profsoyuznyy organizator grupp 2-go mekhanicheskogo uchastka
vagonosborochnogo tsekha mashinostroitel'nogo zavoda, g.
Mytishchi.

(Mytishchi—Machinery industry)
(Socialist competition)

KON'KOV, A. A., and IONOV, V. P.

"Spectral Properties of Some Gases at High Temperatures
and Pressures."

Report submitted for the Conference on Heat and Mass Transfer,
Minks, BSSR, June 1961.

S/862/62/001/000/011/012
E032/E314

AUTHORS: Kon'kov, A.A. and Ionov, V.P.

TITLE: Spectral characteristics of some gases at high temperatures and pressures

SOURCE: Teplo- i massoperenos. t. 1: Teplofizicheskiye kharakteristiki materialov i metody ikh opredeleniya. Ed. by A. V. Lykov and B. M. Smol'skiy. Minsk, Izd-vo AN BSSR, 1962. 196 - 204 ✓

TEXT: This paper reports a study of the spectral characteristics of pure air and of air containing carbon dust. In addition, a study was made of the properties of nitrogen, oxygen and hydrogen up to 3 500 °K and helium and argon above 5 000 °K. A special steel chamber in which the gases were adiabatically compressed was used to obtain the above temperatures between 100 and 1 000 atm. The temperatures could be held for about 1 ms. The emission spectra were recorded with the aid of the WCP-51 (ISP-51) spectrograph (both integral and time-resolved spectra were obtained). A determination was made in each case of the temperature, emissivity, degree of blackness, electrical
Card 1/2

Spectral characteristics

S/862/62/001/000/011/012
E032/E314

conductivity and compression of the gas. It was found that the emission spectra of adiabatically compressed air and the diatomic gases mentioned above were continuous in the absence of artificially introduced impurities. Under these conditions, the emission of air between 5 500 and 6 700 Å at 2 000 - 3 500 °K and 100 - 500 atm. may be looked upon as the emission of a grey body. Under these conditions the emission spectra of monoatomic gases exhibit spectral lines, superimposed on a low continuous background. The spectrum contains lines due to Fe, Cr, Na and K impurities. The emission spectra of air with suspended unactivated carbon dust are similar to the spectrum of ordinary air under the above conditions except that the intensity is higher by a factor of 60 - 70. The introduction of 0.5% (by wt.) of carbon dust into air gives rise to an increase in its electrical conductivity by a factor of 100 - 500. There are 7 figures and 1 table.

ASSOCIATION: Energeticheskiy institut im. G. M. Krzhizhanovskogo
(Power Engineering Institute im.
G.M. Krzhizhanovskiy)

Card 2/2

KON'KOV, Aleksey Mikhailovich; ZHERMUNSKAYA, L.B., inzh., red.;
FREGER, D.P., red.izd-va; BOL'SHAKOV, V.A., tekhn. red.

[Automatic program control of heat-treatment processes] Pro-
grammnoe avtomaticheskoe upravlenie rezhimami termoobrabotki.
Leningrad, 1961. 11 p. (Leningradskii dom nauchno-
tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya:
Metallovedenie i termicheskaiia obrabotka, no.9) (MIRA 16:2)
(Automatic control) (Electric furnaces)

KON'KOV, A. S.

Normirovanie raskhoda materialov v mashinostroenii. Moskva, Mashgiz, 1950. 319 p.

Normalization of material consumption in mechanical engineering.

DLC: TJ1165.K64

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KON'KOV, A.S.

[Economizing materials at the plants; experience of the I.V. Stalin Tractor Plant in Chelyabinsk] *Ekonomiia materialov na zavode; opyt Cheliabinskogo traktornogo zavoda im. I.V.Stalina.*
Moskva, Mashgis, 1952. 142 p. (MLRA 8:1)
(Chelyabinsk--Tractor industry)

KON'KOV, A.S.; KONOVALOV, V.N., kandidat tekhnicheskikh nauk, redaktor;
DUGINA, N.A., tekhnicheskii redaktor

[Setting up norms for the expenditure of materials in machine construction] Normirovanie raskhoda materialov v mashinostroenii. Izd. 2-e, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroi-
tel'noi lit-ry, 1954. 319 p. (MLRA 8:6)
(Machinery industry)

PLETNITSKIY, S.Ya.; KON'KOV, A.S., inzhener, retsentsent; KRASIL'NIKOV,
Ya.I., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Examples of metal economy] Primery ekonomii metalla; iz opyta
kuznechno-shtampovochnykh tsakhov Uralvagonzavoda i drugikh pred-
priyatii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
1954. 76 p. (MIRA 8:?)
(Forging)

KON'KOV, A. S.

USSR/ Miscellaneous - Material economy

Card 1/1 : Pub. 128 - 24/31

Authors : Kon'kov, A. S.

Title : Methods for determining the standard of industrial expenditure of rolled metal in large-scale manufacture

Periodical : Vest. mash.⁴⁴ 10, 94-97, Oct 54

Abstract : Since the overall cost of materials in the Machine Construction Industry, is from 40 to 80%, an attempt was made to develop methods which would permit the determination of the rate of metal expenditure during large-scale series manufacture. Four USSR references: (1950-1952). Graph.

Institution : ...

Submitted : ...

Kon'kov A.S.

PHASE I BOOK EXPLOITATION

484

Anikin, Nikolay Aleksandrovich; Drobyshevskaya, Nadezhda Ivanovna; Dudinov, Vladimir Alekseyevich; Kon'kov, Arkadiy Sergeyevich; Polyakov, Gleb Maksimovich

Spravochnik izobretatelya i ratsionalizatora (Inventor's and Innovator's Handbook) Moscow, Mashgiz, 1957. 702 p. 35,000 copies printed.

Ed.: Rozenberg, I. A., Candidate of Economic Sciences; Akhun, A. I., Konovalov, V. I., Feretts, V. B., Belinicher, I. Sh., Dubitskiy, G. M., Candidates of Technical Sciences; Knyukhov, S. M., Docent; Zakharov, B. P., Gektina, R. F., and Vakhonin, L. N., Engineers; Tech. Ed.: Sarafannikova, G. A.

PURPOSE: This handbook is intended for workers and foreman.

COVERAGE: The book contains information on processing, formulation, and justification of beneficial suggestions and inventions. It presents data on mathematics, mechanics, electrical engineering, hydraulics, and other technical branches of science, as well as data on the selection of machine

Card 1/27

Inventor's and Innovator's Handbook

484

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000824310008-
building materials (properties and designation), the design of machine parts, and the technology of their manufacture. The tasks and rights of inventors and efficiency experts are discussed. The text is illustrated with examples of efficiency-promoting suggestions and typical calculations.

TABLE OF
CONTENTS:

Foreword

Ch. I. General Problems of Inventiveness and Efficiency Promotion	13
1. Introducing greater efficiency in production ("ratsionalizatsiya")	15
Technical progress and introduction of greater efficiency	15
Socialist and capitalist methods of introducing greater efficiency	15
Contribution of Soviet inventors and efficiency experts to the development of science and technology	17
2. Basic trends in the introduction of efficient methods of production	18
Improvement in the design of machines produced	18
Introduction of highly productive technology	18
Mechanization and automation of production	19

Card 2/27

PHASE I BOOK EXPLOITATION

SOV/3705

Kon'kov, Arkadiy Sergeyevich

Metally kuznechnogo proizvodstva (Forgings) Moscow, Mashgiz, 1958. 61 p.
 (Series: Nauchno-populyarnaya biblioteka rabocheho kuznetsa, vyp. 2)
 10,500 copies printed.

Ed.: B.P. Zakharov; Tech. Ed.: N.A. Dugina; Executive Ed. (Ural-Siberian Division,
 Mashgis); M.A. Besukladnikov, Engineer.

PURPOSE: This booklet is intended for forge-shop workers.

COVERAGE: The booklet (second in a series on the forging of metals) deals with metals and alloys used in forging. The author discusses cast and rolled blanks, their types, sizes, grades, and applications. Basic considerations in the cutting and laying-out of metal for blanks are discussed, and methods of determining normal metal requirements and of effecting economy of metal consumption are explained. There are 6 Soviet references.

Card 1/3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000824310008-

Forgings

SOV/3705

TABLE OF CONTENTS:

Metals and Alloys Used in Forging	3
How steel came to be used	3
Steel components and their effect on steel properties	4
Designation of steel types	7
Structure of steel	9
Transformations occurring in steel	11
Steel types and trade designations	13
How to evaluate the quality of metals and alloys	16
Nonferrous metals and alloys	20
Forging Blanks	23
Structure of the steel ingot	24
Ingots of nonferrous metals	27
Castings	28
Rolled steel	28
Standards for rolled stock	33
Available types and sizes of rolled stock	34
Which is cheaper?	37
Optimum bar length	38

Card 2/3

TASHCHEV, Aleksandr Kus'mich; KON'KOV, A.S., dotsent, red.; MOZHAYSKIY,
V.S., inzh., ratsenzent; DUGINA, N.A., tekhn.red.

[Mechanization and automatization of forging and stamping]
Mekhanizatsiia i avtomatizatsiia kuznechno-shtampovochnogo
proisvodstva. Pod red. A.S.Kon'kova. Moskva, Gos.nauchno-
tekhn.isd-vo mashinostroit.lit-ry, 1959. 55 p. (Nauchno-
populiarnaia biblioteka rabochego - kuznitsa, no.15)

(MIRA 12:8)

(Forging)

(Automation)

VSHIVKOV, Petr Pavlovich; GANAGO, O.A., kand.tekhn.nauk, retsenzent;
~~KON'KOV, A.S., dotsent, red.~~; DUGINA, N.A., tekhn.red.

[Forging and stamping machines] Kuznechno-shtampovochnye
mashiny. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry.
1959. 80 p. (Nauchno-populiarnaya biblioteka rabochego kuzneta,
no.5) (MIRA 12:11)

(Forging machinery) (Power presses)

VAULIN, Yuriy Sergeyevich; KOLTUN, Sergey Ivanovich; LEVANOV, Aleksey
Nikolayevich; ~~KON'KOV, A.S.~~, dotsent, retsenzent; KATS, I.S., inzh.,
red.; DUGINA, N.A., tekhn.red.

[Design and planned use of dies] Raschet i planirovanie shtampov.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 93 p.
(MIRA 12:12)

(Dies (Metalworking))

Kon'kov, A. S.

24(8)

p. 2

PHASE I BOOK EXPLOITATION

SOV/3459

Moscow. Vsesoyuznyy teplotekhnicheskii institut

Teplobmen pri vysokikh teplovykh nagruzkakh i drugikh spetsial'nykh usloviyakh; sbornik statey (Heat Exchange Under High Thermal Loads and Other Special Conditions; Collection of Articles) Moscow, Gosenergoizdat, 1959. 135 p. 4,000 copies printed.

Ed. (Title page): A. A. Armand; Ed. (inside book): I. K. Korikovskiy; Tech. Ed.: G. I. Matveyev.

PURPOSE: The book is intended for personnel of scientific research institutes, planning and design organizations, and for power engineers.

COVERAGE: This collection of 9 articles presents the results of research conducted at the All-Union Heat Engineering Institute. Problems of heat exchange under high pressure and other special conditions are analyzed. Attention is devoted to special cases such as heat exchange from wall to water, including cases of ordinary and surface boiling; heat transfer to steam and water under supercritical parameters; heat exchange from pipe wall to gas under high pressure; and the hydraulic resistance of a heated tube. References are given at the end of each article.

Card 1/3

Heat Exchange Under High (Cont.)

"APPROVED FOR RELEASE: 06/19/2000

SOV/3459

CIA-RDP86-00513R000824310008-

TABLE OF CONTENTS:

Introduction

- | | |
|---|----|
| | 3 |
| 1. Tarasova, N. V., A. A. Armand, and A. S. Kon'kov. Investigation of Heat Emission in a Pipe During Boiling of Underheated Water and a Steam-Water Mixture | 6 |
| 2. Doroshchuk, V. Ye., and F. P. Frid. Investigation of Critical Heat Loads | 23 |
| 3. Doroshchuk, V. Ye., V. L. Lel'chuk, and V. V. Modnikova. Heat Emission to Water Under High Pressure | 30 |
| 4. Armand A. A., N. V. Tarasova, and A. S. Kon'kov. Investigation of Heat Emission From Wall to Steam Near the Critical State | 41 |
| 5. Treshchev, G. G. Experimental Investigation of the Mechanism of Surface Boiling | 51 |

Card 2/3

KON'KOV, Arkadiy Sergeyevich; RAYTSES, Veniamin Borisovich; GARYAYEV,
P.I., inzh., retsenzent; KAZAKOV, S.S., inzh., retsenzent;
TYAGUNOV, V.A., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Skill in forging] Masterstvo kuznetsa. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 350 p.

(MIRA 14:1)

(Forging)

KAMENSHCHIKOV, Grigoriy Georgiyevich; KOLTUN, Sergey Ivanovich, inzh.;
NAUMOV, Vasilii Prokhorovich, inzh.; CHERNOBROVKIN, Boris
Sergeyevich, inzh.; POLYAKOV, V.P., inzh., retsentsent; KAZARINOV,
B.K., inzh., retsentsent; KON'KOV, A.S., dotsent, red.; DUGINA,
N.A., tekhn.red.

[Forging operations] Kuznechnoe proizvodstvo. Izd.3., ispr. 1
dop. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry. 1959.
447 p. (MIRA 12:8)

1. Uralmashsavod (for Koltun, Chernobrovkin). 2. Sverdlovskiy
savod transportnogo mashinostroyeniya (for Naumov).
(Forging)

GOLIKOV, Aleksandr Arsen'Yevich; POTEKUSHIN, Nikolay Vasil'yevich;
GOLUBEVA, K.A., inzh., retsenzent; MASLIY, K.Ya., zuborez,
retsenzent; ZHUKOV, P.A., kand.ekon.nauk, red.; VOLOSATOV,
A.Ya., red. vypuska; BELYAKOV, M.N., red.; KON'KOV, A.S.,
inzh., red.; ROZENBERG, I.A., kand.ekon.nauk, red.; SMIR-
NITSKIY, Ye.K., kand.ekon.nauk, red.; SUSTAVOV, M.I., inzh.
red.; DUGINA, N.A., tekhn.red.

[How to save metals] Kak luchshe ekonomit' metall. Moskva,
Mashgiz, 1960. 40 p. (Biblioteka rabocheho mashinostroitel'ia.
Seria: "Osnovy konkretnoi ekonomiki," no.9) (MIRA 14:5)
(Metalwork) (Metals, Substitutes for)

MALEV, Ivan Il'ich; MOZHAYSKIY, V.S., inzh., retsenzent; KON'KOV, A.S.,
dotsent, red.; MARCHENKOV, I.A., tekhn.red.

[Drop hammer forging] Shtampovka na molotakh. Pod red. A.S.
Kon'kova. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry,
1960. 65 p. (Nauchno-populiarnais biblioteka rabochego kuzneta,
vyp. 10). (MIRA 14:1)

(Forging)

KON'KOV, Arkadiy Sergeevich; KURUKLIS, G.L., inzh., retsenzent;
MARCHENKOV, I.A., tekhn.red.

[Cleaning and finishing operations in forging] Ochistka i
otdelka pokovok. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1960. 68 p. (Nauchno-populiarnaya biblioteka rabocheho
kuznitsa, no.16). (MIRA 13:11)
(Forging) (Metals--Finishing)

LITKIN, Vasilii Ivanovich; MOZHAYSKIY, V.S., inzh., retsenzent;
KON'KOV, A.S., dotsent, red.; DUGINA, N.A., tekhn.red.

[Heating of metals] Nagrev metalla. Pod red. A.S.Kon'kova.
Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960.
71 p. (Nauchno-populiarnaya biblioteka rabochego-kuzneta,
no.4). (MIRA 14:2)

(Furnaces, Heating)

KON'KOV, Arkadiy Sergeyevich; GANAGO, O.A., kand. tekhn. nauk, retsenzent;
MOZHAYSKIY, V.S., inzh., retsenzent; SOLONIN, I.S., kand. tekhn.nauk,
red.; PUCHKOV, S.G., inzh., red.; DUGINA, N.A.; tekhn. red.

[Reducing allowances in forging] Snizhenie pripuskov pri shampovke
pokovok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
167 p. (MIRA 14:11)
(Forging) (Tolerance (Engineering))

KON'KOV, A.S.

Potentials for metal economy in forging. Kuz.-shtam. proizv. 3
no.8:13-20 Ag '61. (MIRA 14:8)

(Forging)

RUMYANTSEV, Aleksey Alekseyevich; KON'KOV, A.S., dots., retsenzent;
MYSHKOVSKIY, V.A., inzh., red.; DUGINA, N.A., tekhn. red.

[Increasing labor productivity in drop forging operations]
Povyshenie proizvoditel'nosti truda v kuznechno-shtampovochmom
proizvodstve. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1961. 95 p. (MIRA 15:1)
(Forging)

GORSKIY, Stanislav Petrovich; AFONIN, V.A., inzh., retsenzent;
KON'KOV, A.S., dots., red.; DUGINA, N.A., tekhn. red.

[Steam-hammer forging] Svobodnaia kovka na pressakh. Pod
red. A.S.Kon'kova. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1961. 62 p. (Nauchno-populiarnaia
biblioteka rabochego kuznetsa, no.8) (MIRA 15:3)
(Forging)

BORINSKIY, Mikhail L'vovich; STEPANOV, Vladimir Stepanovich;
KON'KOV, A.S., dots., red.; DUGINA, N.A., tekhn.red.

[Hammer forging] Svobodnaia kovka na molotakh. Pod red.A.S.
Kon'kova. Moskva, Gos.nauc no-tekhn.izd-vo mashinostroit.
lit-ry, 1961. 63 p. (Nauchno-populiarnaia biblioteka raboche-
go kuznetsa, no.7) (MIRA 15:3)

(Forging)

KOLTUN, Sergey Ivanovich; RAYTSES, Veniamin Borisovich; MOZHAYSKIY,
V.S., inzh., retsenzent; KON'KOV, A.S., dots., red.;
BUGINA, N.A., tekhn. red.

[Manufacture and use of dies for drop forging] Izgotovlenie i
ekspluatatsia shtampov dlia goriachei shtampovki. Pod red.
A.S.Kon'kova. Moskva, Mashgiz, 1961. 56 p. (Nauchno-
populiarnaia biblioteka rabochego kuznetsa, no.14)
(MIRA 15:4)

(Dies (Metalworking))

SHELEKHOV, Vladimir Aleksandrovich; GANAGO, O.A., kand. tekhn. nauk,
retsensent; KON'KOV, A.S., dots., red.; DUGINA, N.A.,
tekhn. red.

[Forging with presses] Shtampovka na pressakh. Pod red.
A.S. Kon'kova. Moskva, Mashgiz, 1961. 60 p. (Nauchno-
populjarnaja biblioteka rabocheho kuznetsa, no.11) (MIRA 14:4)
(Forging) (Power presses)

BR

PHASE I BOOK EXPLOITATION

SOV/5939

Kon'kov, Arkadiy Sergeyevich

Snizheniye pripuskov pri shtampovke pokovok (Reducing Allowances in Forgings) Moscow, Mashgiz, 1961. 167 p. 6200 copies printed.

Reviewers: O. A. Ganago, Candidate of Technical Sciences, V. S. Mozhayskiy, Engineer; Eds.: I. S. Solonin, Candidate of Technical Sciences, and S. G. Puchkov, Engineer; Tech. Ed.: N. A. Dugina; Executive Ed., Ural-Siberian Department (Mashgiz): E. L. Kolcsova, Engineer.

PURPOSE: This book is intended for technical personnel of forging shops at machine-building plants.

COVERAGE: Problems connected with the prescribing of allowances in forgings are reviewed in detail. Attention is given to errors affecting the magnitude of an allowance, methods for reducing or eliminating them, and laws governing their distribution. The method for determining the economic amount of allowances, developed

Card 1/4

SOV/5939

on the basis of the probability law, is discussed. The experience of plants in making forgings with small allowances is outlined along with measures taken to reduce them. The economic advisability of such a reduction is emphasized. No personalities are mentioned. There are 31 references, all Soviet.

TABLE OF CONTENTS:

Introduction	3
Ch. I. The Structure of Allowances and Tolerances in Forgings	6
Conception of allowances and tolerances	6
Basic factors affecting the magnitude of an allowance	8
Relationship between allowances and tolerances	11
Classification of forging errors	13
Ch. II. Purpose of Allowances and Tolerances	14
Prescribing an allowance according to GOST-55	14
Prescribing an allowance on the basis of the position of the machining base	23

Card 2/6

S/096/62/000/008/003/004
E194/E455

An experimental study ...

final results. Temperatures of the outside walls of the tube were measured along its length and were initially equal. Beyond a certain steam content the wall temperature rises sharply, reaches a maximum and then diminishes, the maximum temperature jump depending upon the speed, the specific thermal load and pressure. The actual values of the temperature jumps were smaller than in tests with filmwise boiling and ranged from 25 to 300°C. Graphs are plotted of the impairment of heat transfer as a function of rate of flow by weight, for a given pressure. As the rate increases, the impairment diminishes at first fairly steeply and then when the rate is greater than 2000 kg/m² per sec it becomes almost constant. At constant rate the impairment increases with diminishing pressure, this increase practically ceasing from about 100 atm. The following explanation of this phenomenon is offered. When a gas-liquid mixture of high gas-content flows in a pipe, there is a thin film of liquid on the internal surface of the pipe. When the kinetic energy of the flow reaches a certain value, the tangential forces on the surface of phase separation become greater than those which hold the film to the tube surface and it

Card 2/4

An Experimental study ...

S/096/62/000/008/003/004
E194/E455

breaks away, causing the impairment of heat transfer. This explanation is used in an attempt to generalize the experimental results and the following criterial expression is given for the impairment of heat transfer.

$$x_{yx} = \left[\frac{q}{r\gamma''} \frac{\sqrt{\frac{\sigma}{\gamma' - \gamma''}}}{\nu} \right]^{-0.125} (Pr_M)^{-0.4} \left(\frac{\mu'}{\mu''} \right)^{-0.2} \times \\ \times \left(\frac{d}{\sqrt{\frac{\sigma}{\gamma' - \gamma''}}} \right)^{+0.2} \left(\frac{500}{Re_M \frac{\gamma''}{\gamma'} + 350} + 0.35 \right)$$

where x_{yx} - the steam content at which impairment of heat transfer takes place; q - the specific thermal loading; r - latent heat of boiling; γ - the specific gravity; μ - viscosity;

Card 3/4

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An experimental study ...

S/096/62/000/008/003/004
E194/E455

ν - kinematic viscosity of fluid; Pr_M - Prandtl's number for liquid; Re_M - Reynolds number for liquid. The notation ' refers to liquid and the notation " to gas. The equation is recommended for calculation of the steam content at which impairment of heat transfer takes place only for rising flow of steam-water mixture in vertical pipes. There are 7 figures and 1 table.

ASSOCIATION: Vsesoyuznyy teplotekhnicheskiiy institut
(All-Union Heat Engineering Institute)

Card 4/4

KON'KOV, A.S., inzh.; MODNIKOVA, V.V., inzh.

Experimental study of conditions aggravating heat transmission with
water boiling in pipes. Teploenergetika 9 no.8:77-81 Ag '62.
(MIRA 15:7)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Heat—Transmission) (Feed-water)

ANIKIN, Nikolay Aleksandrovich; DROBYSHEVSKAYA, Nadezhda Ivanovna;
DUDINOV, Vladimir Alekseyevich; KON'KOV, Arkadiy
Sergeyevich; KONYUKHOV, Sergey Mikhaylovich; MESHCHERINOV,
Fedor Ivanovich; POLETSKIY, Aleksandr Timofeyevich; POLYAKOV,
Gleb Maksimovich; SAL'NIKOV, Oleg Alekseyevich; CHERNOBAY,
Dmitriy Gavrilovich; GAVRILOV, P.G., kand. tekhn.nauk, retsen-
zent; NEFED'YEV, G.N., kand. fiz.-mat. nauk; SOKOLOV, V.M.,
kand. fiz.-mat. nauk; SOKOLOVSKIY, V.I., kand. tekhn. nauk;
RUDIN, S.N., inzh.; EYDINOV, M.S., kand. tekhn. nauk; DUBITSKIY,
G.M., doktor tekhn. nauk, red.; ZAKHAROV, B.P., inzh., red.;
KONOVALOV, V.N., kand. tekhn. nauk, red.; PERETS, V.B., kand.
tekhn. nauk, red.; ROZENBERG, I.A., kand. ekonom. nauk, red.;
STEPANOV, V.V., kand. tekhn. nauk, red.; SUSTAVOV, M.I., inzh.,
red.; SHABASHOV, S.P., kand. tekhn. nauk, red.; DUGINA, N.A.,
tekhn. red.

[Handbook for inventors and innovators] Spravochnik dlia izobre-
tatelia i ratsionalizatora . [By] N.A.Anikin i dr. Izd.3., ispr.
i dop. Moskva, Mashgis, 1962. 791 p. (MIRA 16:1)
(Technological innovations—Mechanical engineering)

BALZHI, M.F.; BEREZKIN, P.N.; GOL'DSHTEYN, Ya.Ye.; GAL'PERIN, Ye.B.;
YEDLICHKO, V.V.; KERAS, A.F.; LEKUS, I.D.; POTEKUSHIN, N.V.;
POZDNYSHV, V.M.; SUBBOTIN, N.A.; SAVINTSEV, R.I.; TAMAROVSKIY,
V.M.; SHEREMET'YEV, A.D.; BAKSHI, O.A., kand. tekhn. nauk,
retsenzent; BONDIN, Ye.A., inzh., retsenzent; BOYKO, F.I., inzh.,
retsenzent; VASIN, Yu.P., inzh., retsenzent; LAZAREV, A.A., inzh.,
retsenzent; SOROKIN, A.I., inzh., retsenzent; KON'KOV, Arkadiy
Sergeyevich, dots., red.; DUGINA, N.A., tekhn. red.

[Economy of metals in the machinery industry]Ekonomiia metallov
v mashinostroenii. [By]M.F.Balzhi i dr. Moskva, Mashgiz, 1962.
235 p. (MIRA 16:2)

(Machinery--Design and construction)
(Metals, Substitutes for)

E 63554-65 EMT(m)/EMP(w)/EPF(c)/EPF(n)-2/ENG(m)/EWA(d)/EPR Pr-h/Ps-h/Pu-h

AP-016936

UR/0084/55/018/005/0640/0642
001.039.51"

Don'kov, A. S.; Barulin, Yu. D.

TITLE: Critical thermal loads in rod assemblies with spacers

ABST: Atomnaya energiya, v. 18, no. 6, 1965, 640-642

TOPIC TAGS: reactor fuel element, reactor coolant, reactor critical heat load, reactor fuel element assembly

ABSTRACT: The purpose of the authors' experiments was to determine the critical thermal loads and to study the effect of the spacers on the magnitude of the critical thermal load. The experiments were carried out with a bundle consisting of fuel-element rods placed in a longitudinal channel of a water-steam mixture. The experimental set-up permitted the study of the critical heat load under various conditions. Seven fuel-element rods were arranged in a hexagonal array with spacers of different lengths along the assembly. Critical heat loads were determined by recording the heat load at constant temperature and flow of the cooling

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ACCESSION NR: AP5016936

liquid at the input to the experimental channel. The test results show that in experiments with a closed loop the critical heat load is higher than in experiments with open flow, probably because of the lower stability of the latter. Two types of spacers were tested — with bar construction and with mesh construction. The latter was shown to produce a smaller effect on the character of the oscillations in the flow and pressure of the coolant, and to provide somewhat better stability of the hydrodynamic system. The present experimental results were found to be in good agreement with the results of others. Orig. art. has: 3 figures.

[02]

ASSOCIATION: none

SUBMITTED: 26Aug64

ENCL: 00

SUB CODE: NP

CLASS: 005

OTHER: 002

AN PRESS: 4050

Card ^{dm} 2/2

Kon'kov, A.S.

ZLATKIN, Moisey Grigor'yevich; DOROKHOV, Nikolay Nikolayevich; LEBEDEV, Nikolay Ivanovich; MAKAROV, Nikolay Yevgen'yevich; NEYSHTAT, Zya-ma Fal'kovich; SYCHEV, Arkadiy Mikhaylovich; SKLYUYEV, P.V., kand. tekhn. nauk, retsenzent; TASHCHEV, A.K., kand. tekhn. nauk, retsenzent; TRUBIN, V.N., kand. tekhn. nauk, retsenzent; VSHIVKOV, P.P., inzh., retsenzent; KON'KOV, A.S., inzh., retsenzent; LEBEDEV, N.S., inzh., retsenzent; POTEKUSHIN, N.V., inzh., retsenzent; TYAGUNOV, V.A., doktor tekhn. nauk, red.; SOKOLOV, K.N., kand. tekhn. nauk, red.; SKORNYAKOV, V.B., red.; YAROSHENKO, Yu.G., red.; ZAKHAROV, B.P., inzh., red.; AMIROV, I.M., inzh., red.; MYSHKOVSKIY, V.A., inzh., red.; SHELEKHOV, V.A., inzh., red.; BOGOMOLOV, O.P., inzh., red.; KATS, I.S., inzh., red.; LEVANOV, A.N., inzh., red.; DUGINA, N.A., tekhn. red.

[Handbook on forging practices] Spravochnik rabocheho kuznechno-shtampovochnogo proizvodstva. By M.G.Zlatkin i dr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 776 p.
(MIRA 14:9)

(Forging—Handbooks, manuals, etc.)

S/519/60/000/008/020/031
D051/D113

AUTHOR: Kon'kov, A.T.

TITLE: Contribution to the problem of the seismicity of the Fergana Depression

SOURCE: Akademiya nauk SSSR. Sovet po seysmologii. Byulleten', no. 8, Moscow, 1960. Voprosy seysmicheskogo rayonirovaniya, 166-169

TEXT: An analysis of the geological structure and seismic activity of the Fergana Depression is conducted. For this purpose, the author uses a map showing the epicenters of earthquakes of intensity $M \geq 3$ which occurred in the area from 1883-1954, and a diagram of the distribution of the epicenters of destructive earthquakes which occurred in the period 1880-1957. Heavy earthquakes are considered as the main source of information on the seismicity of the Fergana Depression. The author, contrary to A.I. Suvorov's opinion, assumes that there is a hidden fault lying parallel to the Talaso-Fergana fault along the line Kurshab-Andizhan-Namangan. Its existence is somewhat confirmed by the definite sequence in which the epicenters of de-

Card 1/2

S/519/60/000/008/020/031
D051/D113

Contribution to the problem ...

structive earthquakes in time shift along this zone. In addition, a definite periodic recurrence of heavy earthquakes in this area was also observed. The data obtained from 1883 to 1942 suggest that the seismic activity of the area will be intensified every 20 years together with the occurrence of destructive earthquakes lasting 5 years. If the area east of Andizhan becomes seismically active between 1960 and 1964, it will be possible to assume that the revealed periodicity of heavy earthquakes and the shifting of the epicenters actually occur and appear as the result of definite tectonic movements. In his concluding remarks, the author estimates the seismic danger present in individual parts of the Fergana Depression, pointing out that the central part of the Kara-Dar'ya River Basin area is particularly dangerous from this point of view. There are 2 figures and 4 Soviet references.

ASSOCIATION: Seysmicheskaya stantsiya Andizhan (Seismic Station Andizhan)

Card 2/2

BUTOVSKAYA, Ye.M.; KON'KOV, A.T.; NERSESOV, I.L.; PAK, V.A.;
TROSTYANSKIY, G.D.; ULOMOV, V.I.; SOKOLOVA, A.A., red.;
GOR'KOVAYA, Z.I., tekhn.red.

[Seismism of Uzbekistan] Seismichnost' Uzbekistana. Tashkent,
Izd-vo Akad.nauk Uzbekskoi SSR. Vol.1. [The Fergana Valley]
Ferganskaia dolina. 1961. 97 p. (MIRA 15:5)

1. Akademiya nauk Uzbekskoy SSR. Institut matematiki.
(Fergana—Seismology)

KON'KOV, A.V., polkovnik meditsinskoy sluzhby, zasluzhennyy vrach RSFSR

Pathogenesis, clinical aspects and prevention of peptic
ulcer. Voen. med. zhur. no.10:21-23 0 '65. (MIRA 18:11)

KON'KOV, A.V., polkovnik meditsinskoy sluzhby

Poisoning from mushrooms of the *Agaricus bulbosus* type. Voenn.med.
zhur. no.7:75-76 JI '61. (MIRA 15:1)
(MUSHROOMS, POISONOUS) (FOOD POISONING)

KON'KOV, A.V.; PAVLOV, Yu.D. (Severomorsk)

Duration of the sound of pericardial friction in myocardial
infarct. Klin.med. 40 no.5:143-144 '62. (MIRA 15:8)
(HEART--SOUNDS) (HEART--INFARCTION)

KON'KOV, A. V., polkovnik meditsinskoy sluzhby

Some problems in military field therapy. Voen.-med. zhur. no.12:14
D '61. (MIRA 15:7)

(MEDICINE, MILITARY) (ATOMIC WARFARE)

KON'KOV, A. V.; KUTENKO, M. T. (Severomorsk)

Familial alkaptonuria. Klin. med. 40 no.7:117-119 J1 '62.
(MIRA 15:7)

(ACETIC ACID)
(URINE—ANALYSIS AND PATHOLOGY)

KON'KOV, B.; IGNATOVICH, A.

Life suggests what to do. Za rul. 16 no.3:6-7 Mr '58.
(MIRA 13:3)

1. Nachal'nik avtoremontnykh masterskikh, Rostov-na-Donu (for Kon'kov).
2. Starshiy bukhgalter avtomotokluba, Rostov-na-Donu (for Ignatovich).
(Automobiles--Societies, etc.)
(Motorcycles--Societies, etc.)

KONNOV, Boris Fedorovich; NOVOSPASSKIY, V.V., redaktor; KIRSANOVA, N.A.,
tekhnicheskiy redaktor

[Leave for workers and employees] Otpuska rabochikh i sluzhashchikh.
[Moskva] Izd-vo VTsSPS Profizdat, 1956. 43 p. (MLRA 9:10)
(Vacations, Employee)

KON'KOV, B.F., inzh.

Conference on the hard facing of iron mill rolls and other
parts of metallurgical equipment. Met. i gornorud. prom.
no.2:79 Mr-Ap '62. (MIRA 15:11)

(Hard facing--Congresses)

USSR / Human and Animal Physiology. Blood.

T-3

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3271

Author : Kon'kov, E. A.

Inst : ~~Novocherkassk~~ Zootechnical Veterinary Institute

Title : Blood Group Properties in Cattle in Connection With
the Problem of Hemotransfusion in These Animals

Orig Pub : Tr. Novocherkasskogo zootekhn.-vet. in-ta, 1957,
Vyp. 10, 385-390

Abstract : The blood group properties were studied in 203 cattle;
in 96% with the isohemo-agglutination reaction using
the drip method and in 12% by the test-tube method
according to Shif and the drip method at temperatures
of 12 - 20°, 20 - 25° and 37 - 38° C. When using both
methods, a positive result at temperatures of 37° and
12.5° C was obtained in only 3 cases out of a total of
4869 reactions. Results were negative in the isohemo-

Card 1/2

KON'KOV, G.A.

Relation between recent and modern tectonic movements and methane-bearing and outburst zones in the Donets Basin. Dokl. AN SSSR 143 no.3:670-673 Mr '62. (MIRA 15:3)

1. Institut gornogo dela im. M.M.Fedorova AN USSR. Predstavleno akademikom A.L.Yanshinym.
(Donets Basin--Methane)(Donets Basin--Geology, Structural)

KOH'KOV, I.F.

Inter-school conference. Fel'd. i akush. no.6:62 Je '53.

(MLR 6:7)
(Obstetrics)

OZNOBIN, N.M., kand.ekon.nauk, red.; KONIKOV, L.A., red.; MEDVEDEV, M.M.,
red.; GERASIMOVA, Ye.S., tekhn.red.

[Studies on modern Soviet and foreign economics] Ocherki po
sovremennoi sovetskoi i zarubezhnoi ekonomike. Pod red. N.M.
Osnobina. Moskva, Gosplanizdat. No.1. 1960. 306 p.

(MIRA 14:3)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut.
(Economics)

KON'KOV, L.S., Cand Med Sci -- (diss) "^{Surgeon}Operative treatment
of sphincter ^{ANI}insufficiency ^{according to}~~of the same~~ the method of
R.R. Vroden." Kuybyshev, 1959, 19 pp (Kuybyshev Med
Inst) 225 copies (KL, 35-59, 116)

- 64 -

KON'KOV, N., inzh.-polkovnik

Engineer and the standards of equipment maintenance. Av. 1
kosm. 46 no.3:26-31 Mr '64. (MIRA 17:3)

KON'KOV, N., inzhener-polkovnik

Troubles of engineers and technicians. Av. 1 koam. 46 no.5:
29-33 My '64. (MIRA 17:7)

KON'KOV, N., inzh.-polkovnik; IL'INOV, M., inzh.-podpolkovnik

A useful experience. Av. i Kosm. 47 no.1:55-63 Ja '65
(MIRA 18:1)

KON'KOV, N., inzh.-polkovnik

Unified technology of inspection. Av. i kosm. 48 no.10:25-29
0 '65. (MIRA 18:11)

KON'KOV, N., inzh.-polkovnik

Exactness and engineering perfection. Av. i kosm. 48
no.12:6-12 D '65. (MIRA 18:11)

L 27820-66 EWT(d)/EWT(1)/EWT(m)/T-2/EWP(h) JKT/RO/JT

ACC NR: AP6010043

SOURCE CODE: UR/0209/66/000/003/0041/0042

AUTHOR: Kon'kov, N. (Engineer, Colonel)

ORG: none

TITLE: Flying carriage [The Ka-26 helicopter]

SOURCE: Aviatsiya i kosmonavtika, no. 3, 1966, 41-42

TOPIC TAGS: helicopter, helicopter engine, agricultural machinery, passenger aircraft/ KA-26 helicopter

ABSTRACT: The Ka-26 is a product of the design office directed by Doctor of Technical Sciences, N. I. Kamov. This coaxial helicopter is equipped with 2 piston engines designed by A. G. Ivchenko and I. M. Vedeneyev. This engine is almost twice as economical as a gas-turbine engine of the same power. The advantages of a helicopter of coaxial design are good controllability, high maneuverability, and relatively low weight and small dimensions. Also, there is no power lost on a tail rotor. The principal application of the Ka-26 is agricultural, i.e., spraying, dusting, and sprinkling. However, agricultural applications are highly seasonal; therefore, this helicopter can be easily converted into a flying crane or passenger helicopter. Its main advantage is economy and utility. [WH]

SUB CODE: 01/ SUBM DATE: none

Card 1/1

BB

45
B

2

KON'KOV, L.S.

Operative treatment of insufficiency of the sphincter ani by
R.R. Vreden's method. Elem.prokt. no.2:105-111 '60.

(MIRA 14:11)

(SPHINCTER ANI---SURGERY)

Ken' Kov, N.G.

SHIPILOV, I.F., polkovnik, redaktor; ~~KON'KOV, N.G.~~, inzhener-mayor, redaktor;
KADER, Ya.M., redaktor; LEVINSKAYA, R.Z., tekhnicheskij redaktor

[Atomic weapons; a collection of articles] Atomnoe oruzhie; sbornik
statei. Izd. 2-oe, dop. Moskva, Voen.izd-vo Ministerstva oborony
SSSR, 1955. 341 p. (MLRA 9:3)

(Atomic warfare)

AID P - 4576

Subject : USSR/Aeronautics - training
Card 1/1 Pub. 135 - 11/23
Author : Kon'kov, N. G., Eng.-Maj.
Title : Squadron engineer
Periodical : Vest. vozd. flota, 2, 67-70, F 1956
Abstract : The routine work and duties of the engineer of a squadron, which in addition to the maintenance of aircraft include also the technical training of flying and technical personnel of the squadron, are described in this article. The article is of no particular value.
Institution : None
Submitted : No date

AID P - 4754

Subject : USSR/Aeronautics - maintenance
Card 1/1 Pub. 135 - 12/31
Author : Kon'kov, N. G., Eng.-Lt. Col.
Title : With enthusiasm for work
Periodical : Vest. vozd. flota, 8, 51-54, Ag 1956
Abstract : The author describes how in N... unit the technical personnel erected a building at the parking place of aircraft for the maintenance work and how the innovators of the unit equipped it with various checking devices. The article is of no particular value.
Institution : None
Submitted : No date

KON, KOV, NGE

AID P - 3600

KON'KOV, N.G., inzhener-mayor.

Squadron engineer. Vest.Vozd.Fl. 38 no.2:67-70 r '56. (MLRA 9:7)
(Shlandakov, Pavel Anikevich)

Kon'kov, N. G.

86-8-14/22

AUTHORS: Gershevich, Yu. F., Eng. Lt. Col., and Kon'kov, N. G.,
Eng. Lt. Col.

TITLE: Aircraft Technician G. S. Kashkalov (Tekhnik samoleta
G. S. Kashkalov)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 8, pp. 66-71 (USSR)

ABSTRACT: The article describes how Lieutenant Technician Grigoriy Semenovich Kashkalov became the best aircraft technician in a Soviet Air Force unit, and how he has performed his duties and shown initiative tending to improve the aircraft maintenance work in the unit. He was trained in an Air Force Primary School (voennaya aviatsionnaya shkola pervonachal'nogo obucheniya) and, while serving in the unit, he passed the mechanic's examinations and graduated from an Air Force Technical School (voennoye aviatsionnoye tekhnicheskoye uchilishche). He is responsible for the maintenance of a MiG jet fighter; thanks to his conscientiousness, meticulousness, organizational skill, personal example and exactingness, he managed to decrease the complacent routinism; as a result, the airplanes he has cared for has flown without any failure for many years. For instance,

Card 1/3

Aircraft Technician G. S. Kashkalov (Cont.)

86-8-14/22

caliber in the units, a higher standard of maintenance work would be achieved.

AVAILABLE: Library of Congress.

Card 3/3

SOV/86-58-10-24/40

AUTHOR: Andreyev, D.A., Engr Lt Col, and Kon'kov, N.G., Engr Lt Col

TITLE: For Stricter Control of the Quality of Preparation of Aviation Materiel (Strozhe proveryat' kachestvo podgotovki aviatsionnoy tekhniki)

PERIODICAL: Vestnik vozdushnogo flota, 1958, 1958, Nr 10, pp 54-61 (USSR)

ABSTRACT: The authors in this article stress the importance of checking very strictly the quality of preparation of aviation materiel for flights. The authors then describe how Officer A.A. Kirichenko, the deputy commander in charge of aviation engineer service in a unit, plans and organizes his work and that of his subordinates so that everything is accomplished in time and checked thoroughly.

Card 1/1

KON'KOV, N.G., inzh.-podpolkovnik.

APPROVED FOR RELEASE: 06/19/2000. CIA-RDP86-00513R000824310008-

faster, better, more reliable. Vest. Vozd. Fl. 41 no.12, 67-69

D '58.

(MIRA 11:12)

(Airplanes--Maintenance and repair)